

Application No. 09/252,326
Attorney Docket No. 98-906 RCE 1

AMENDMENTS TO THE CLAIMS:

Please amend claims 1, 6, 10 and 17-26 as set forth in the following listing of claims. This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) An interactive multimedia system, comprising:
a massively parallel video server that includes:
a set of storage devices; and
a plurality of processors configured to stream a plurality of video streams from one or more video titles stored in the set of storage devices, the plurality of processors all having concurrent access to said same set of storage devices for concurrently streaming a the plurality of video streams;
a plurality of client devices configured to receive at least some of the plurality of video streams; and
a high capacity transport system for transporting the video streams from the massively parallel video server to the plurality of client devices.
2. (Previously amended) The interactive multimedia system of claim 1, further comprising:
a set of display devices connected to the plurality of client devices, respectively, for displaying the video streams.

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3. (Original) The interactive multimedia system of claim 1, further comprising:

an encoder for encoding video and for storing the encoded video in the massively parallel video server.

4. (Previously amended) The interactive multimedia system of claim 1, further comprising:

a controller for monitoring the massively parallel video server, the high capacity transport system, and the plurality of client devices.

5. (Previously amended) The interactive multimedia system of claim 1, further comprising a web server for storing data and sending the data via the high capacity transport system to the plurality of client devices.

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6. (Currently amended) The interactive multimedia system of claim 1, wherein the massively parallel video server includes a plurality of nodes and each of the plurality of nodes comprises:

a video server program for streaming one or more of the video streams from the one or more video titles stored in the set of storage devices;

an interface module for formatting the video streams into cells and transmitting the cells on the high capacity transport system;

a disk controller for retrieving the video titles from the set of storage devices; and

at least one of the plurality of processors running the video server program.

7. (Original) The interactive multimedia system of claim 1, wherein the high capacity transport system comprises one or more asynchronous transfer mode (ATM) switching systems.

8. (Previously amended) The interactive multimedia system of claim 1, wherein the high capacity transport system comprises pre-established connections associated with the plurality of client devices, respectively.

9. (Previously amended) The interactive multimedia system of claim 1, wherein the high capacity transport system comprises pre-established bi-directional connections associated with the plurality of client devices, respectively.

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10. (Currently amended) The interactive multimedia system of claim 4 5, wherein each of the plurality of client devices comprises:
- a browser program for retrieving the data from the web server;
 - a video client program for receiving one of the video streams and for controlling the video stream; and
 - a processor other than the plurality of processors in the massively parallel video server for executing the browser program and the video client program.
11. (Previously amended) The interactive multimedia system of claim 1, wherein one or more of the plurality of client devices includes a set top box.
12. (Previously amende) The interactive multimedia system of claim 1, wherein one or more of the plurality of client devices includes a personal computer.
13. (Original) The interactive multimedia system of claim 3, wherein the encoder comprises a real-time encoder for encoding real-time video.
14. (Original) The interactive multimedia system of claim 3, wherein the encoder comprises an off-line encoder for encoding off-line video.
15. (Original) The interactive multimedia system of claim 5, wherein the web server interfaces an Internet Protocol (IP) network.

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16. (Original) The interactive multimedia system of claim 5, wherein the data is in Hypertext Markup Language (HTML) format.

17. (Currently amended) A method for delivering interactive multimedia from storage devices to a plurality of subscribers at a subscriber site, said method comprising the steps of:

providing a massively parallel video server that includes:

a set of storage devices; and

a plurality of processors configured to stream a plurality of video streams from one or more video titles stored in said set of storage devices, the plurality of processors all having concurrent access to said set of storage devices for concurrently streaming the plurality of video streams;

streaming a the plurality of video streams from the one or more video titles stored in a the massively parallel video server ~~that includes a plurality of processors all having concurrent access to the same storage devices;~~ and

transporting the video streams to a plurality of clients via a high capacity transport system.

18. (Currently amended) The method of claim 17, further comprising the step of:

displaying the video streams on a plurality of display monitors connected to the plurality of clients, respectively.

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19. (Currently amended) The method of claim 17, further comprising ~~the step~~
~~of~~:

encoding video and storing the encoded video as a video title in the
massively parallel video server.

20. (Currently amended) The method of claim 17, further comprising ~~the step~~
~~of~~:

monitoring the massively parallel video server, the high capacity transport
system, and the plurality of clients.

21. (Currently amended) The method of claim 17, wherein the transporting
step comprises ~~the step of~~:

transporting the video streams on pre-established connections to the
plurality of clients.

22. (Currently amended) The method of claim 17, wherein the transporting
step comprises ~~the step of~~:

transporting the video streams on pre-established bi-directional
connections to the plurality of clients.

23. (Currently amended) The method of claim 17, wherein the transporting
step comprises ~~the step of~~:

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transporting data stored in a web server via the high capacity transport system to the plurality of clients.

24. (Currently amended) The method of claim 19, wherein the encoding step comprises ~~the step of~~ encoding real-time video.

25. (Currently amended) The method of claim 19, wherein the encoding step comprises ~~the step of~~ encoding off-line video.

26. (Currently amended) The method of claim 23, further comprising ~~the step of~~:

displaying the data on a plurality of display monitors connected to the plurality of clients, respectively.